3.8.5 Energy Benchmarks for Newly Constructed Outpatient Buildings, by Selected City and End-Use (thousand Btu per square foot)

IECC Climate Zone	<u>Heating</u>	Cooling	Water Heating	Ventilation
1A	0.0	23.9	1.5	10.4
2A	0.5	19.4	1.7	8.7
2B	0.1	17.6	1.6	14.2
3A	0.6	15.6	1.9	7.6
3B	0.0	7.1	1.9	18.6
3B	0.1	13.6	1.7	13.8
3C	0.2	2.8	2.0	12.6
4A	1.7	13.7	2.0	6.7
4B	0.7	8.8	2.0	14.5
4C	0.8	2.8	2.1	11.5
5A	2.3	8.6	2.2	10.5
5B	1.3	6.5	2.2	13.4
6A	4.5	8.1	2.3	10.4
6B	3.3	4.8	2.3	11.2
7	5.1	5.4	2.5	9.3
8	13.9	4.2	2.7	7.7
	1A 2A 2B 3A 3B 3B 3C 4A 4B 4C 5A 5B 6A 6B 7	1A 0.0 2A 0.5 2B 0.1 3A 0.6 3B 0.0 3B 0.1 3C 0.2 4A 1.7 4B 0.7 4C 0.8 5A 2.3 5B 1.3 6A 4.5 6B 3.3 7 5.1	1A 0.0 23.9 2A 0.5 19.4 2B 0.1 17.6 3A 0.6 15.6 3B 0.0 7.1 3B 0.1 13.6 3C 0.2 2.8 4A 1.7 13.7 4B 0.7 8.8 4C 0.8 2.8 5A 2.3 8.6 5B 1.3 6.5 6A 4.5 8.1 6B 3.3 4.8 7 5.1 5.4	1A 0.0 23.9 1.5 2A 0.5 19.4 1.7 2B 0.1 17.6 1.6 3A 0.6 15.6 1.9 3B 0.0 7.1 1.9 3B 0.1 13.6 1.7 3C 0.2 2.8 2.0 4A 1.7 13.7 2.0 4B 0.7 8.8 2.0 4C 0.8 2.8 2.1 5A 2.3 8.6 2.2 5B 1.3 6.5 2.2 6A 4.5 8.1 2.3 6B 3.3 4.8 2.3 7 5.1 5.4 2.5

Note(s): Benchmark lighting energy = 10.4 thousand Btu/SF and internal loads = 59.9 thousand Btu/SF.

Source(s): DOE/EERE/BT, Commercial Building Benchmark Models, http://www1.eere.energy.gov/buildings/commercial_initiative/new_construction.html,

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